

### Remarks

Favorable reconsideration and allowance of the application are respectfully requested in view of the enclosed amendments and the following comments.

Applicant's election of claims 1-12 for prosecution, and the withdrawal of claims 13-14 is affirmed.

Amended claim 1 now includes all the subject matter of allowable claim 7. Therefore, claim 1 and all claims dependent thereon should be obviously allowable.

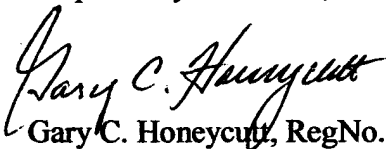
Amended claim 8 now includes all the subject matter of allowable claim 9. Therefore claim 8 and all claims dependent thereon should be obviously allowable.

New claims 15 and 16 are similar to amended claim 1, and should therefore be found allowable. The recited dimensions for via diameter and spacing differ from claim 1 in that the lower limit of the range has been omitted. This omission is justified because only the upper limit is critical for obtaining the desired result. Dimensions smaller than 0.1 mm would still be operable embodiments within the proper scope of the invention.

The cited references are not applicable to the amended claims, or to the new claims, primarily because they are not directed to applicant's problem of **how to match the impedance of the via structure with the impedance of the high-frequency circuit transmission lines**. Instead, the references are directed to the problem of how to **filter the high-frequency noise** from the desired signals.

Applicant now believes the application is in condition for allowance.

Respectfully submitted,



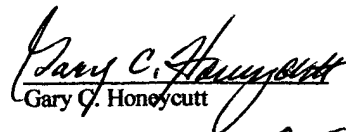
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It is hereby certified that this correspondence is being deposited with the United States Postal Service in an envelope bearing first class postage, addressed to Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on this 3<sup>rd</sup> day of July, 2006.

  
Gary C. Honeycutt

3 July 2006